

Abstract of the Disclosure

A transmission apparatus includes a filter, multiplier, and controller. The filter reduces leakage power outside the transmission signal band. In the filter, a first attenuation amount more than a 5 predetermined amount or a second attenuation amount not more than the predetermined amount is selectively set in a range higher than the transmission signal band. The multiplier modulates the transmission signal output from the filter. The controller sets one of the first and 10 second attenuation amounts in the filter in accordance with the use situation of a band adjacent to the transmission signal band.